

TC Installations Limited

Units 11 – 13 Highlode Industrial Estate, Stocking Fen Road Ramsey Cambridgeshire PE26 2RB

Tele: +44 (0) 1487 710555 FAX +44 (0) 1487 710060

5GHz DUAL PLANAR ANTENNA

Part Numbers:

TCANT116 - SMA - RP-SMA 1 metre leads.

TCANT117 - SMA - RP-SMA 2 metre leads.

TCANT118 - SMA - RP-TNC 1 metre leads.

TCANT119 - SMA - RP-TNC 2 metre leads.

Note: Differing Cable lengths and connectors can be supplied on request.

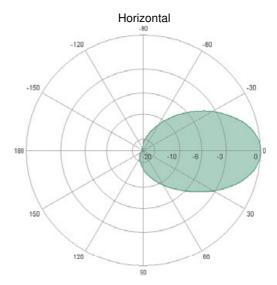


Technical Data.

Electrical Properties

Frequency range 5150 – 5875 MHz Impedance 50 Ω VSWR 1.6 Polarization dual linear, ± 45° slant Gain 10 dBi 3 dB beamwidth horizontal 60° 3 dB beamwidth vertical 60° Downtilt 0° Isolation between ports 25 dB Front to back ratio 22 dB Max. power 75 W (CW) at 25°C

Radiation Pattern



Mechanical & Environmental Properties

Dimensions 101 x 95 x 32 mm (3.98" x 3.74" x 1.26")
Weight 0.11 kg (0.24 lbs.)
Radome material ASA
Radome colour RAL 7035 (light grey)
Mounting socket material ASA
Mounting socket colour RAL 7042 (dark grey)
Back/base plane material aluminium
2002/95/EC (RoHS) compliant
Operating temperature range - 40°C to + 80°C
Storage temperature range - 40°C to + 80°C
Windload 15 N at 160km/h (100mph)

